

PATENT ABSTRACTS OF JAPAN

(11) Publication number : 2002-327162

(43) Date of publication of application : 15.11.2002

(51) Int.Cl.

C09J171/10
C09J 9/02
C09J163/00
H01B 1/20
H01B 5/16
H01L 21/60
H05K 1/09
H05K 3/28
H05K 3/32

(21) Application number : 2001-196717 (71) Applicant : HITACHI CHEM CO LTD

(22) Date of filing : 28.06.2001 (72) Inventor : TAKETAZU JUN
WATANABE ITSUO
GOTO YASUSHI
HIROZAWA YUKIHISA
FUJII MASANORI

(30) Priority

Priority number : 2001057218 Priority date : 01.03.2001 Priority country : JP

(54) ANISOTROPICALLY CONDUCTIVE ADHESIVE COMPOSITION, METHOD FOR CONNECTING CIRCUIT TERMINAL AND CONNECTION STRUCTURE OF THE CIRCUIT TERMINAL

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain an anisotropically conductive adhesive composition capable of preventing corrosion of metal patterns at a connection part and provide a method for connecting circuit terminals by using the same and provide a connection structure.

SOLUTION: This anisotropically conductive adhesive composition uses an adhesive which is put between opposed circuit electrodes and electrically connects the electrodes in a charged direction by charging the opposed circuit electrodes and comprises (1) an epoxy resin, (2) a latent curing agent, (3) a phenoxy resin having an aromatic cyclic structure containing 22 benzene rings as a film-forming material and (4) electroconductive particles as essential components. This method for connecting circuit terminals is to arrange a first circuit material having a first connecting terminal and a second circuit material having a second connecting terminal to face

the first connecting terminal to the second terminal, put the aforesaid anisotropically conductive adhesive composition between the oppositely arranged aforesaid first connecting terminal and the second connecting terminal and electrically connect the oppositely arranged aforesaid first terminal with the second connecting terminal by heating under pressure.

LEGAL STATUS

- [Date of request for examination]
- [Date of sending the examiner's decision of rejection]
- [Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]
- [Date of final disposal for application]
- [Patent number]
- [Date of registration]
- [Number of appeal against examiner's decision of rejection]
- [Date of requesting appeal against examiner's decision of rejection]
- [Date of extinction of right]